

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 226272002201	Application Number 09/376,395
	Applicant Leaf HUANG <i>et al</i>	
	Filing Date August 18, 1999	Group Art Unit 1643

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
RS	1.	10/01/85	4,544,545	Ryan et al.			
	2.	01/30/90	4,897,355	Eppstein et al.			
	3.	09/18/90	4,958,013	Letsinger			
	4.	03/31/92	5,100,662	Bolesak et al.			
	5.	11/23/93	5,264,618	Felgner et al.			
	6.	01/18/94	5,279,833	Rose			
	7.	02/01/94	5,283,185	Epand et al.			
	8.	08/02/94	5,334,761	Gebeyehu et al.			
	9.	11/22/94	5,366,737	Eppstein et al.			
	10.	12/20/94	5,374,548	Caras			
	11.	06/04/96	5,523,222	Page et al.			
	12.	07/30/96	5,540,933	Ruoslahti et al.			
	13.	08/13/96	5,545,412	Eppstein et al.			
	14.	08/26/97	5,661,025	Szoka, Jr. et al.			
	15.	08/18/98	5,795,587	Gao et al.			
RS	16.	12/28/99	6,008,202	Huang et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
RS	17.	08/01/96	WO 96/22765	PCT			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
RS	18.	Behr et al. (September 1989). "Efficient gene transfer into mammalian primary endocrine cells with lipopolyamine-coated DNA." <i>Proc. Natl. Acad. Sci. USA</i> 86:6982-6986.
RS	19.	Cheetham et al. (1990). "Cholesterol sulfate inhibits the fusion of sendai virus to biological and model membranes." <i>J. Biol. Chem.</i> 256:12404-12409.
RS	20.	Demeneix. (March 1994). "Temporal and spatial expression of lipospermine-compacted genes transferred into chick embryos in vivo." <i>BioTechniques</i> 16:496-501.

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Examiner Initials	Ref. No.	Title
RS	21.	Felgner et al. (November 1987). "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure," <i>Proc. Natl. Acad. Sci. USA</i> 84:7413-7417.
	22.	Gao et al. (1991). "A novel cationic liposome reagent for efficient transfection of mammalian cells," <i>Biochem. Biophys. Res. Commun.</i> 179(1):280-285.
	23.	Hui et al. (November 1994). Induction of alloreactive cytotoxic T lymphocytes by intrasplenic immunization with allogenic class I major histocompatibility complex DNA and DC-chol cationic liposomes," <i>J. Liposome Res.</i> 4(3):1077-1078.
	24.	Letsinger et al. (September 1989). "Cholesteryl-conjugated oligonucleotides: Synthesis, properties, and activity as inhibitors of replication of human immunodeficiency virus in cell culture," <i>Proc. Natl. Acad. Sci. USA</i> 86:6553-6556.
	25.	Malone. (1989). "Cationic liposome-mediated RNA transfection," <i>Proc. Natl. Acad. Sci. USA</i> 86:6077-6081.
	26.	Pinnaduwege. (1989). "Use of a quaternary ammonium detergent in liposome mediated DNA transfection of mouse L-cells," <i>Biochim. Biophys. Acta</i> 985(1):33-37.
	27.	Rajaonarivony et al. (September 1993). "Development of a new drug carrier made from alginate," <i>J. Pharm. Sci.</i> 82(9):912-917.
	28.	Rose et al. (April 1999). "A new cationic liposome reagent mediating nearly quantitative transfection of animal cells," <i>BioTechniques</i> 10:520-525.
	29.	Stamatatos et al. (1988). "Interactions of cationic lipid vesicles with negatively charged phospholipid vesicles and biological membranes," <i>Biochemistry</i> 27:3917-3925.
	30.	Sternberg. (1994). "New structures in complex formation between DNA and cationic liposomes visualized by freeze-fracture electron microscopy," <i>FEBS Lett.</i> 356:361-366.
	31.	Stewart et al. (June 1992). "Gene transfer in vivo with DNA-liposome complexes: Safety and acute toxicity in mice," <i>Hum. Gene Ther.</i> 3:267-275.
	32.	Zhou (1991). "Lipophilic polylysines mediate efficient DNA transfection in mammalian cells," <i>Biochim. Biophys. Acta</i> 1065(1):8-14.

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DS	1.	08/27/91	5,043,164	Huang <i>et al.</i>			
	2.	02/15/94	5,286,634	Stadler <i>et al.</i>			
	3.	11/26/96	5,578,475	Jessee			
	4.	06/03/97	5,635,487	Wolff <i>et al.</i>			
	5.	01/06/98	5,705,385	Bally <i>et al.</i>			
	6.	12/01/98	5,844,107	Hanson <i>et al.</i>			
	7.	03/02/99	5,877,302	Hanson <i>et al.</i>			
	8.	03/23/99	5,885,613	Holland <i>et al.</i>			
	9.	10/26/99	5,972,900	Ferkol, Jr. <i>et al.</i>			
	10.	10/26/99	5,972,901	Ferkol, Jr. <i>et al.</i>			
RS	11.	12/28/99	6,008,336	Hanson <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
RS	12.	03/03/90	EP 0 387 647	Europe			Abstract only
	13.	03/18/93	WO 93/05162	PCT			
1	14.	09/30/93	WO 93/18852	PCT			
RS	15.	05/11/95	WO 95/12384	PCT			Abstract only

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
RS	16.	Bottega <i>et al.</i> (1992). "Inhibition of protein kinase C by cationic amphiphiles," <i>Biochem.</i> 31:9025-9030 (XP000645334).
RS	17.	Dialog Abstract of JP 6080560 A; vol. 18, no. 337, June 27, 1994 (5 pages total).
RS	18.	Farhood <i>et al.</i> (1992). "Effect of cationic cholesterol derivatives on gene transfer and protein kinase C activity," <i>Biochim. Biophys. Acta.</i> 1111(2):239-246 (XP000607544).
RS	19.	Philip <i>et al.</i> (1993). "In vivo gene delivery," <i>J. Biol. Chem.</i> 268(22):16087-16090.

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Examiner Initials	Ref. No.	Title
RS	20.	Stribling et al. (December 1992). "Aerosol gene delivery <i>in vivo</i> ," <i>PNAS USA</i> 89:11277-11281.
RS	21.	Treiner et al. (1988). "Micellar solubilization in aqueous binary surfactant systems: barbituric acids in mixed anionic + nonionic or cationic + nonionic mixtures," <i>J. Colloid Interface Sci.</i> 125(1):261-270 (XP000645802).
RS	22.	Yamada. (August 29, 1994). "Preparation of liposomes containing glycosides," <i>Chem. Abstracts</i> 121(9), Columbus, Ohio, US; Abstract no. 109565.



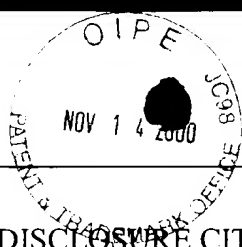
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Richard E. L.

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3/2/01

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PTO/SB/08 (2-92)

Sheet 1

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Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

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Docket Number 226272002201

Application Number 09/376,835

Applicant

Leaf HUANG et al.

Filing Date August 18, 1999

Group Art Unit 1632

Mailing Date November 9, 2000

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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
PS	1.	10/14/1997	5,676,954	Brigham			
	2.	05/26/1998	5,756,353	Debs			
	3.	10/27/1998	5,827,703	Debs et al.			
	4.	03/02/1999	5,877,302	Hanson et al.			
	5.	12/28/1999	6,008,336	Hanson et al.			
PS	6.	06/20/2000	6,077,835	Hanson et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
PS	7.	09/28/1995	WO 95/25809	WIPO			

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Examiner Initials	Ref. No.	Title

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2/13/03

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